

Title (en)

Vertical filling-packaging machine and method of manufacturing packaging bag

Title (de)

Vertikale Abfüll-Verpackungsmaschine und Verfahren zur Herstellung von Verpackungsbeutel

Title (fr)

Machine verticale de remplissage et d'emballage et mode de fabrication des sacs d'emballage

Publication

**EP 2671809 A3 20140226 (EN)**

Application

**EP 13183165 A 20050322**

Priority

- JP 2004135826 A 20040430
- JP 2004135827 A 20040430
- EP 05721241 A 20050322

Abstract (en)

[origin: EP1757523A1] A vertical filling-packaging machine is provided for satisfactorily forming a heat-sealed part by heat-sealing, cooling, and cutting a cylindrical film without moving the same and also for manufacturing a variety of packaging bags in different outline shapes. The vertical filling packaging device comprises a pair of flat part forming rollers disposed in opposition to each other across cylindrical film (60) for carrying cylindrical film (60) downward while forming flat part (60a) in cylindrical film (60), a sealing mechanism having heater bar (31) and heater bar receiver (32) for thermally sealing flat part (60a) in the width direction, a cutting mechanism disposed below the sealing mechanism and having a pair of cooling bars (34a, 34b) for cooling transversely sealed part (65) which has been thermally sealed, and cutter (35) for cutting transversely sealed part (65), and a drive mechanism for integrally holding the seal mechanism and the cutting mechanism and for integrally moving these mechanisms along the direction in which cylindrical film (60) is carried.

IPC 8 full level

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Citation (search report)

- [X] EP 1228964 A1 20020807 - ORIHIRO ENG CO LTD [JP]
- [X] EP 1112936 A1 20010704 - ISHIDA SEISAKUSHO [JP]

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